

# VT-TR8NHA 1620

VITEK Transcendent Series Hybrid NDAA Compliant 16 Channel 8MP [4K] Digital Video Recorder [PRELIMINARY SPECIFICATIONS]



## KEY FEATURES

- 16 Channel HD-TVI / AHD / CVI / CVBS BNC Inputs + IP Cameras
- 16 Ch. TVI / AHD / CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1
- Add 8 additional IP Cameras for a Total of 24 Cameras, and Able to Change up to 8 HDA Inputs to IP for 16 IP and 8 HDA Cameras
- Recording Frame Rate: 4K@128fps, 4K Lite@240fps, 5MP@192fps, 5MP Lite@320fps, 4MP/3MP@240fps, 4MP Lite/1080P/720P/WD1/D1@480fps
- H.265 / H.264 Compression
- HDMI, VGA, and BNC (Spot) Video Outputs
- 8 Ch. Audio In + 1 Ch. Audio Out, 2-Way Audio Takes up 1 input Ch.
- Smart Search - Highlight colors to display recordings in a certain time period: different colors refer to different events
- PTZ Control over Coax (CoC), RS-485
- 16 Alarm inputs / 4 Alarm Output
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- Free VMS (Video Management Software) Lite and Standard versions available for organized viewing of multiple sites [For Enterprise version please contact your Vitek Reseller]
- 2 Internal SATA2/SATA3 HDD Slot supporting up to 24TB (2 x 12TB HDD) + E-SATA
- Applications for iOS & Android
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & VMS Central Management Software Included
- Support NAT function and QRCode scanning by mobile phones
- Supports both Dynamic and Static IP Addresses
- HDMI 4K output, true high resolution display
- Control locally via USB Mouse or IR Remote Control
- Heavy duty rack ears included
- 3-Year Warranty

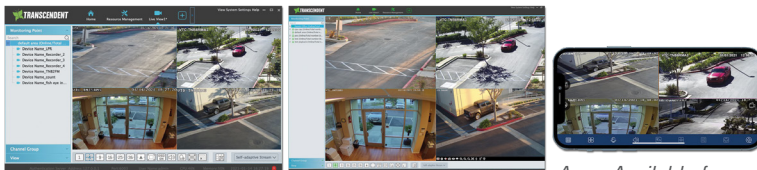


**4K  
8MP**

## VITEK Transcendent Series 8MP DVR!

Featuring H.265 Compression and the latest System-on-Chip (SOC) Technology, these ultra versatile, user-friendly NDAA Compliant High Def. 5-in-1 Analog (COAX-Based) Digital Recorders support recording and playback of TVI, CVI, AHD and CVBS format cameras up to 8MP with 4K HDMI Output. Supporting 8MP [4K] / 5MP / 4MP / 3MP / 1080P / 720P / WD1, they are DVRs in nature, but they also offer maximum IP channel support in Full Hybrid Mode.

## VITEK TRANSCENDENT VMS 2.0



Local Management, Viewing Interface & Remote Viewing with Web Browsers

Remote Viewing Using Mac OSX

Apps Available for iPhone, iPad, & Android Devices

## REAR PANEL



## [Preliminary] DETAILED SPECIFICATIONS

|                                     |   |
|-------------------------------------|---|
| <b>Video Inputs</b>                 | 16 Channels HD-TVI / AHD / CVI / CVBS Analog BNC Inputs Supporting up to 8MP[4K]                        |
| <b>Additional IP Camera Support</b> | 8 IPCs (8MP [4K] and Lower @ 30fps)   |
| <b>Compression</b>                  | H.265 / H.264   |
| <b>Recording</b>                    | 4K@128fps, 4K Lite@240fps, 5MP@192fps, 5MP Lite@320fps, 4MP/3MP@240fps, 4MP Lite/1080P/720P/            |
| <b>Local Playback</b>               | 16 Ch.  |
| <b>OS</b>                           | Embedded Linux  |
| <b>Video Output</b>                 | 1 × HDMI (up to 3840 × 2160) / 1 × VGA (1920 × 1080) / 1 × BNC Spot (Analog)                            |
| <b>Multi Operation (Pentaplex)</b>  | Live Display/Record/Playback/Backup/Remote Access   |
| <b>Audio</b>                        | Input: RCA × 8 / Output: RCA × 1 (linear, 600Ω)   |
| <b>Two-Way Audio</b>                | Yes - takes up one ch. audio input  |
| <b>Audio Compression</b>            | G.711(U/A)  |
| <b>Bit Rate</b>                     | 32Kbps ~ 5Mbps  |
| <b>Encode, Quality Levels</b>       | VBR / CBR, 6 level  |
| <b>Multi-Screen Display</b>         | 1 / 4 / 6 / 8 / 9 / 13 / 16 / 25  |
| <b>Recording Modes</b>              | Manual, Timer, Motion, Sensor   |
| <b>Search</b>                       | Time Sliced, Time, Event, Tag, Smart Search Management  |
| <b>Function</b>                     | Play, Pause, FF, FB, Digital Zoom   |
| <b>Alarm In/Out</b>                 | 16 Alarm Inputs / 4 Alarm Outputs   |
| <b>Alarm Triggering</b>             | Manual, Motion, Exception, Smart Event  |
| <b>Network Interface</b>            | RJ45 1000Mbps × 1   |
| <b>Remote Viewing</b>               | CMS / Web Browser / Mobile Platforms  |
| <b>Remote Playback</b>              | 16 Ch.  |
| <b>Dual-stream</b>                  | Individual Streams (Network Video + Local Rec.) Set Separately  |
| <b>Remote Users</b>                 | 10 users online, dual stream  |
| <b>RS485</b>                        | RS485 × 1 (for PTZ) - Half Duplex: Connect to PTZ or Keyboard   |
| <b>PTZ Protocol</b>                 | Control over Coax, Pelco D / Pelco P - Supports Preset and Auto Cruise, up to 255 Presets and 8 cruises |
| <b>Network Protocols</b>            | TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, SMTP, RTSP, HTTP   |
| <b>Network Bandwidth</b>            | Incoming: 32Mbps, Outgoing: 96Mbps  |
| <b>SATA HDD</b>                     | Up to 24TB (2 × 12TB) + 1 × E-SATA  |
| <b>USB</b>                          | USB 3.0 × 1; USB2.0 × 1 for Mouse and USB Backup Devices  |
| <b>Accessories</b>                  | Remote Control (Optional), SATA cable, USB mouse  |
| <b>Power Consumption</b>            | ≤ 30W (Without HDD)   |
| <b>Power Supply</b>                 | DC: 12V / 4A  |
| <b>Working Environment</b>          | 32°~104°F (-10°~50°C) / 10~90% RH   |
| <b>Dimensions (W × D × H)</b>       | 14.96 × 10.55 × 1.77" / 380 × 268 × 45mm  |
| <b>Weight</b>                       | 4.10lbs (1.85kg) Net w/o HDD, 6.72lbs (3.05kg) Shipping Weight w/o HDD                                  |